

Date: June 25, 2003  
W.I.: 1512  
Referred by: PAC  
Revised: 11/10/04-PAC  
04/27/05-C  
05/25/05-C

### ABSTRACT

Resolution No. 3547, Revised

This resolution approves the TEA 21 Reauthorization First Cycle Program, which programs Surface Transportation Program (STP) and Congestion Mitigation and Air Quality Improvement (CMAQ) Program Funds for FY 2003-04 through FY 2004-05. This program of projects will be included in the 2003 Transportation Improvement Program (TIP).

This resolution includes the following attachments:

Attachment A – First Cycle Program Summary

Attachment B – First Cycle Program Project List

This Resolution was revised on November 10, 2004 to reflect the reprogramming of funds in the bus catalyst device program as indicated in Attachment B.

This resolution was revised on April 27, 2005 to CMAQ funding for the Regional Express Bus program and reprogram this funding to a new program, the Lifeline Transportation Program.

This resolution was revised on May 25, 2005 to redirect CMAQ savings from the Bus Catalyst Device program to the Spare the Air/Free Transit Commute project within the Air Quality Management Category.

Additional discussion of this Resolution is available in the Executive Director's memorandum to the Programming and Allocations Committee dated June 11, 2003, November 10, 2004, and April 13, 2005 and Programming and Allocations Committee Summary dated May 11, 2005.

Date: June 25, 2003  
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RE: Programming of TEA 21 Reauthorization First Cycle Program Surface Transportation Program (STP) and Congestion Mitigation and Air Quality Improvement (CMAQ) Program Funds and Transportation Enhancement Activities (TEA) for FY 2003-04 through FY 2004-05

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION NO. 3547

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Section 66500 et seq.; and

WHEREAS, MTC is the designated Metropolitan Planning Organization for the nine-county San Francisco Bay Area region (the region); and

WHEREAS, MTC previously adopted Resolution No. 3536, setting forth the procedures and criteria for selecting projects to be funded with Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program funds and Transportation Enhancement Activities (TEA) (23 U.S.C Section 133); and

WHEREAS, an estimate of STP and CMAQ funding available to the region in FY 2003-04 through FY 2004-05 is provided in Attachment A, attached hereto and incorporated herein as though set forth at length; and

WHEREAS, using the procedures and criteria set forth in MTC Resolution No. 3536, MTC, in cooperation with Caltrans, operators of publicly-owned mass transit services, county congestion management agencies, the Bay Area Air Quality Management District, the Association of Bay Area Governments, and other local government entities, has developed a two-year program of transportation improvement projects to be funded with STP, CMAQ, and TEA funds in FY 2003-04 through FY 2004-05 as shown in Attachment B to this resolution attached hereto and incorporated herein as though set forth at length; and

WHEREAS the projects included in Attachment B are proposed to be incorporated into the 2003 Transportation Improvement Plan (TIP); now, therefore, be it

RESOLVED that MTC approves the STP, CMAQ, and TEA programming for FY 2003-04 through FY 2004-05 for inclusion in the 2003 TIP, as set forth in Attachment B; and be it further

RESOLVED that the Executive Director shall forward a copy of this resolution, and such other information as may be required, to the Governor, Caltrans, and to other such agencies as may be appropriate.

METROPOLITAN TRANSPORTATION COMMISSION

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Steve Kinsey, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at the regular meeting of the Commission held in Oakland, California, on June 25, 2003.

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Attachment A

Resolution No. 3547

**TEA 21 REAUTHORIZATION**  
**First Cycle Program**  
**STP, CMAQ, and TEA**  
FY 2003-04 and FY 2004-05

**TEA 21 Reauthorization - FY 2003-04 and FY 2004-05  
First Cycle Program**

(amounts in millions of dollars)

Programming Summary	96%	83%	90%
	03/04	04/05	Total
<b>Total Revenues Available for Programming (Apportionments)</b>	<b>141.000</b>	<b>143.000</b>	<b>284.000</b>
1. Air Quality Management	11.769	26.608	38.377
2. Regional Annual Commitments	24.550	39.450	64.000
3. Planning Activities	4.495	4.517	9.012
4. OA Limitation Rollovers	94.986	48.000	142.986
<b>Total Programming</b>	<b>135.800</b>	<b>118.575</b>	<b>254.375</b>
<b>Balance Remaining</b>	<b>5.200</b>	<b>24.425</b>	<b>29.625</b>

0.00000

Estimated Revenues	03/04	04/05	Total
	03/04	04/05	Total
<b>FUNDING SOURCES</b>			
<b>STP</b>	70.000	71.000	141.000
<b>CMAQ - (Including \$2.4 Million for Eastern Solano for Second Cycle) *1</b>	62.000	63.000	125.000
<b>TEA - (Including \$13 Million not programmed in First Cycle) *2</b>	9.000	9.000	18.000
<b>Total Estimated Revenues (Apportionments)</b>	<b>141.000</b>	<b>143.000</b>	<b>284.000</b>

Programming	03/04	04/05	Total
	03/04	04/05	Total
<b>1. AIR QUALITY MANAGEMENT</b>			<b>14%</b>
Bus Catalyst Devices	8.816	4.087	12.903
Air Quality Management Strategies		20.919	20.919
Spare the Air	1.000	1.000	2.000
Regional Express Bus Operating	1.953	0.602	2.555
<b>Air Quality Management Total</b>	<b>11.769</b>	<b>26.608</b>	<b>38.377</b>
<b>2. REGIONAL ANNUAL COMMITMENTS</b>			<b>23%</b>
Travinfo	6.000	5.300	11.300
TransLink®	10.400	23.800	34.200
Ride share	4.800	2.800	7.600
Freeway Operations/ Traffic Operations System (TOS)		3.600	3.600
Traffic Engineering Tech. Assist. Program (TETAP)/ Arterial Re-timing	1.450	1.450	2.900
Pavement Management System/Technical Assistance Program (PTAP)	0.700	0.700	1.400
Regional Transit Information System (RTIS)	0.700	0.800	1.500
Regional Transit Marketing and Market Research Services	0.500	0.600	1.100
Performance Monitoring		0.400	0.400
<b>Regional Annual Commitments Total</b>	<b>24.550</b>	<b>39.450</b>	<b>64.000</b>
<b>3. PLANNING ACTIVITIES</b>			<b>3%</b>
TLC/HIP Planning Grants	0.442	0.442	0.884
3% STP CMA Planning funds *3	2.703	2.725	5.428
MTC/CMA Transportation/Land Use Planning Support	1.350	1.350	2.700
<b>Planning Activities Total</b>	<b>4.495</b>	<b>4.517</b>	<b>9.012</b>
<b>4. LIFELINE ACTIVITIES</b>			<b>1%</b>
Lifeline		1.545	1.545
<b>Lifeline Activities Total</b>		<b>1.545</b>	<b>1.545</b>
<b>5. OA LIMITATION CARRYOVER *4</b>			<b>50%</b>
Advance Construction (AC) Authorizations	45.178		45.178
Projects Awaiting Obligations at Caltrans	7.550		7.550
Remaining TLC/TEA projects with 9/20/2003 Deadline	18.393		18.393
Remaining TLC/HIP projects with 9/20/2004 Deadline	18.465		18.465
Projects Obligated With OA Advanced from TEA-3	5.400		5.400
Rollover from ISTEAD		48.000	48.000
<b>OA Limitation Carryover Total</b>	<b>94.986</b>	<b>48.000</b>	<b>142.986</b>
<b>TOTAL FIRST CYCLE PROGRAMMING</b>	<b>135.800</b>	<b>120.120</b>	<b>255.920</b>

<b>FY 03-04 and FY 04-05 Revenues Not Programmed in 1st Cycle</b>			<b>10%</b>
Eastern Solano CMAQ *1	1.200	1.200	2.400
TEA-Enhancements (Balance after TEA-21 OA Carryover) *2	4.000	9.000	13.000
Other Remaining Unprogrammed Revenues	0.000	12.680	12.680
<b>TOTAL FY 03-04 and FY 04-05 Revenues Not Programmed in 1st Cycle</b>	<b>5.200</b>	<b>22.880</b>	<b>28.080</b>

**NOTES:**

05/25/05

\*1 - Approximately \$1.2 Million per year in CMAQ funding dedicated to Eastern Solano and are reserved for programming in 2nd Cycle.

\*2 - Approximately \$13 Million in TEA (Enhancements) Revenues are reserved for later Programming - \$5 million in First Cycle covers difference between TEA apportionments and TEA OA limitations during TEA 21.

\*3 - CMA Planning Funds Formula: 3% of STP funds, with minimum threshold of \$240,000

\*4 - OA Limitation Carryover amounts are estimates and subject to change upon receipt of final TEA 21 Apportionments.

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Attachment B  
Resolution No. 3547

**TEA 21 REAUTHORIZATION**  
**First Cycle Program**  
**STP, CMAQ, and TEA**  
FY 2003-04 and FY 2004-05

Project List  
**June 25, 2003**

# Project List

## First Cycle STP, CMAQ, and TEA Program

### FY 2003-04 and FY 2004-05

June 25, 2003  
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Figures are in thousands of dollars

								FY 2003/2004			FY 2004/2005			Total	
Project Category and Title		County	Sponsoring Agency	Implementing Agency	TIP ID Number	RTP ID No.	Phase	STP	CMAQ	TEA	STP	CMAQ	TEA	First Cycle Funding	Local Match
1. AIR QUALITY MANAGEMENT															
Bus Catalyst Devices															
Acquire 416 Bus Catalyst Devices		Alameda / Contra Costa	AC Transit	AC Transit	ALA010063	94526	CON		\$3,419			\$68		\$3,487	Local \$9
Acquire 103 Bus Catalyst Devices		Contra Costa	CCCTA	CCCTA	CC-030016	94558	CON					\$835		\$835	Local \$109
Acquire 82 Bus Catalyst Devices		Marin	GGBHTD	GGBHTD	MRN010032	94572	CON		\$665			\$114		\$779	Local \$15
Acquire 24 Bus Catalyst Devices		Solano	Fairfield	Fairfield	SOL030018	98168	CON					\$195		\$195	Local \$26
Acquire 25 Bus Catalyst Devices		Alameda	LAVTA	LAVTA	ALA030015	94527	CON					\$203		\$203	Local \$27
Acquire 420 Bus Catalyst Devices		San Francisco	MUNI	MUNI	SF-010035	94636	CON		\$3,038			\$365		\$3,403	Local \$48
Acquire 265 Bus Catalyst Devices		San Mateo	SamTrans	SamTrans	SM-030018	94666	CON		\$1,694			\$454		\$2,148	Local \$59
Acquire 19 Bus Catalyst Devices		Sonoma	Santa Rosa City Bus	Santa Rosa City Bus	SON030008	94695	CON					\$179		\$179	Local \$24
Acquire 54 Bus Catalyst Devices		Contra Costa	Tri Delta	Tri Delta	CC-030017	94559	CON					\$438		\$438	Local \$57
Acquire 27 Bus Catalyst Devices		Solano	Vallejo	Vallejo	SOL010033	94683	CON					\$219		\$219	Local \$29
Acquire 30 Bus Catalyst Devices		Contra Costa	WestCat	WestCat	CC-030018	94559	CON					\$243		\$243	Local \$32
Acquire 228 Bus Catalyst Devices		Santa Clara	SCVTA	SCVTA	SCL-030021	94610	CON					\$1,859		\$1,859	Local \$241
SUBTOTAL									\$8,816			\$5,172		\$13,988	\$430
Air Quality Management Strategy Reserve												\$17,886		\$17,886	\$0
BART Spare the Air Transit Days		Region	BAAQMD	BAAQMD	MTC990015	21009	CON					\$1,000		\$1,000	\$130
I-680 Sunol Grade HOV lane (TFCA Exchange)		Alameda	ACCMA	ACCMA	ALA991084	98141	CON					\$780		\$780	\$102
Spare the Air		Region	BAAQMD	BAAQMD	MTC990015	21009	CON		\$1,000			\$1,000		\$2,000	Local \$260
Regional Express Bus Operations															
I-80 Richmond TransBay Route		Alameda / Contra Costa	AC Transit	AC Transit	CC-030020	21432	CON		\$104					\$104	Local \$14
I-680 Martinez to Walnut Creek Route		Contra Costa	CCCTA	CCCTA	CC-030021	21434	CON		\$175			\$208		\$383	Local \$50
Vacaville to Walnut Creek BART		Solano	Fairfield/Suisun	Fairfield/Suisun	SOL030016	21435	CON		\$116					\$116	Local \$16
Route 101 Corridor		Marin	GGT	GGT	MRN030008	21889	CON		\$319					\$319	Local \$42
Route 70 and Subscription Routes		Alameda	LAVTA	LAVTA	ALA030017	21149	CON		\$74			\$89		\$163	Local \$22
El Camino Real Corridor		San Mateo	SamTrans	SamTrans	SM-030019	21439	CON		\$166			\$306		\$472	Local \$62
Route 300		Contra Costa	Tri Delta	Tri Delta	CC-030022	21440	CON		\$511					\$511	Local \$67
Bay Link Express and BARTLink Rte 70		Solano	Vallejo	Vallejo	SOL030017	21442	CON		\$242					\$242	Local \$32
Hwy 4 del Norte BART to Martinez		Contra Costa	WestCat	WestCat	CC-030023	21445	CON		\$246					\$246	Local \$32
SUBTOTAL									\$1,953			\$603		\$2,556	\$337
SUBTOTAL								\$0	\$11,769	\$0	\$0	\$26,441	\$0	\$38,210	\$1,259
2. REGIONAL ANNUAL COMMITMENTS															
Trav Info		Region	MTC	MTC	MTC990006	21008	CON	\$6,000			\$5,300			\$11,300	Local \$1,465
TransLink® Fare Collection System		Region	MTC	MTC	MTC990002	21005	CON		\$10,400		\$4,000	\$19,800		\$34,200	Local \$4,431
Regional Ride Share Program		Region	MTC	MTC	MTC990003	21007	CON		\$4,800			\$2,800		\$7,600	Local \$985
Freeway Operations/TOS		Region	MTC	MTC	MTC030003	21001	CON					\$3,600		\$3,600	Local \$467
Traffic Eng Tech Assist Prog (TETAP)		Region	MTC	MTC	MTC990018	21003	CON	\$250	\$1,200		\$250	\$1,200		\$2,900	Local \$376
Pavement Mgmt Tech Assist Prog (PTAP)		Region	MTC	MTC	MTC990017	21004	CON	\$700			\$700			\$1,400	Local \$182
Regional Transit Information System		Region	MTC	MTC	MTC990014	21006	CON	\$700			\$800			\$1,500	Local \$195
Regional Transportation Marketing		Region	MTC	MTC	MTC990013	21006	CON		\$500			\$600		\$1,100	Local \$143
Performance Monitoring		Region	MTC	MTC	MTC991001	21010	ENV				\$400			\$400	Local \$52
SUBTOTAL								\$7,650	\$16,900	\$0	\$11,450	\$28,000	\$0	\$64,000	\$8,296

# Project List

## First Cycle STP, CMAQ, and TEA Program

### FY 2003-04 and FY 2004-05

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Figures are in thousands of dollars

							FY 2003/2004			FY 2004/2005			Total					
Project Category and Title	County	Sponsoring Agency	Implementing Agency	TIP ID Number	RTP ID No.	Phase	STP	CMAQ	TEA	STP	CMAQ	TEA	First Cycle Funding	Local Match				
3. PLANNING ACTIVITIES																		
TLC/HIP Planning Grants	Region	MTC	MTC	MTC030005	21011	ENV	\$442			\$442			\$884	\$115				
3% STP CMA Planning																		
CMA STP Planning	Alameda	MTC	ACCMA	ALA979001	98558	ENV	\$447			\$454			\$901	Local \$117				
CMA STP Planning	Contra Costa	MTC	CCTA	CC-979042	98559	ENV	\$294			\$298			\$592	Local \$77				
CMA STP Planning	Marin	MTC	Marin CMA	MRN970034	98560	ENV	\$240			\$240			\$480	Local \$63				
CMA STP Planning	Napa	MTC	NCTPA	NAP970004	98561	ENV	\$240			\$240			\$480	Local \$63				
CMA STP Planning	San Francisco	MTC	SFCTA	SF-990015	98562	ENV	\$241			\$244			\$485	Local \$63				
CMA STP Planning	San Mateo	MTC	San Mateo Co TA	SM-979033	98563	ENV	\$240			\$240			\$480	Local \$63				
CMA STP Planning	Santa Clara	MTC	SCVTA	SCL978008	98564	ENV	\$521			\$529			\$1,050	Local \$137				
CMA STP Planning	Solano	MTC	Solano TA	SOL970033	98565	ENV	\$240			\$240			\$480	Local \$63				
CMA STP Planning	Sonoma	MTC	Sonoma Co TA	SON970081	98566	ENV	\$240			\$240			\$480	Local \$63				
SUBTOTAL							\$2,703			\$2,725			\$5,428	\$709				
MTC-CMA Transportation/Land Use Planning Support																		
CMA Transportation/Land Use Planning	Alameda	MTC	ACCMA	ALA979001	98558	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	Contra Costa	MTC	CCTA	CC-979042	98559	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	Marin	MTC	Marin CMA	MRN970034	98560	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	Napa	MTC	NCTPA	NAP970004	98561	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	San Francisco	MTC	SFCTA	SF-990015	98562	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	San Mateo	MTC	San Mateo Co TA	SM-979033	98563	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	Santa Clara	MTC	SCVTA	SCL978008	98564	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	Solano	MTC	Solano TA	SOL970033	98565	ENV	\$150			\$150			\$300	Local \$39				
CMA Transportation/Land Use Planning	Sonoma	MTC	Sonoma Co TA	SON970081	98566	ENV	\$150			\$150			\$300	Local \$39				
SUBTOTAL							\$1,350			\$1,350			\$2,700	\$351				
SUBTOTAL							\$4,495			\$0	\$0	\$0	\$4,517	\$0	\$0	\$9,012	\$0	\$1,175
4. PLANNING ACTIVITIES																		
Lifeline Transportation Program	Region	MTC	MTC			CON				\$1,545			\$1,545	\$201				
SUBTOTAL							\$0	\$0	\$0	\$0	\$1,545	\$0	\$1,545	\$0	\$201			
GRAND TOTAL							\$12,145	\$28,669	\$0	\$15,967	\$55,986	\$0	\$112,767	\$0	\$10,931			



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5. OA LIMITATION CARRYOVER *							
County	Implementing Agency	TIP ID	Project Title	STP	CMAQ	TEA	Total
Alameda	City of Berkeley	ALA990050	Berkeley Rail stop & Transit Plaza			\$641	\$641
Alameda	City of Oakland	ALA990058	Citywide sidewalk repair project.	\$2,000			\$2,000
Alameda	Caltrans	ALA990090	Bay Trail: Fremont-Newark Segment.	\$528			\$528
Alameda	Caltrans	ALA990093	Bay Trail (Baumberg Track Trail seg)		\$250		\$250
Alameda	City of Berkeley	ALA991027	Spruce Street Reconstruction	\$1,598			\$1,598
Alameda	City of Oakland	ALA991031	Oakland Street Resurfacing -MacArthur	\$696			\$696
Alameda	City of Oakland	ALA991032	Oakland Street Resurfacing-MLK Jr Way	\$1,160			\$1,160
Alameda	Acquire 420 Bus C Alameda County	ALA991035	Pavement Rehab Lump Sum - Various Locations	\$1,762			\$1,762
Alameda	City of Hayward	ALA991036	Arteial Pavement Rehab - Phase III TEA-21	\$1,445			\$1,445
Alameda	Port of Oakland	ALA991054	MV Encinal Ferry Vessel Refurbish	\$298			\$298
Alameda	AC Transit	ALA991058	Link-Bay Fair BART/Hillsdale Caltrain St		\$451		\$451
Alameda	Alameda County	ALA991074	Niles Railroad Corridor Rehabilitation	\$576			\$576
Alameda	City of Oakland	ALA991080	Fruitvale Streetscape & Multi-Modal Trans Project			\$1,800	\$1,800
Alameda	City of Oakland	ALA010021	City of Oakland Street Resurfacing	\$1,242			\$1,242
Alameda	City of Alameda	ALA010026	Webster Renaissance Project.			\$735	\$735
Alameda	MTC	ALA010027	Santa Fe ROW Bike/Ped Path	\$1,000			\$1,000
Alameda	MTC	ALA010028	Dublin Tr. Center Housing Incentive Pro. Reserve	\$1,306			\$1,306
Alameda	MTC	ALA010029	Emeryville Housing Incentive Program Reserve	\$152			\$152
Alameda	MTC	ALA010030	Oakland Housing Incentive Program Reserve	\$1,000			\$1,000
Alameda	MTC	ALA010031	Union City Senior Village HIP Reserve	\$234			\$234
Alameda	City of San Leandro	ALA010068	W. Estudillo St. Streetscape & BART Connections		\$1,000		\$1,000
Alameda	City of Oakland	ALA010069	Coliseum Transit Hub Streetscape Improvements		\$1,000		\$1,000
Alameda	City of Alameda	ALA010070	Park St. Streetscape & Santa Clara Ave Transit Hub		\$921		\$921
Alameda	City of Dublin	BRT010001	Dublin Transit Center Plaza			\$750	\$750
Contra Costa	City of El Cerrito	CC-991048	Potrero Avenue Rehabilitation	\$339			\$339
Contra Costa	City of Oakley	CC-991053	East Cypress Road Overlay	\$214			\$214
Contra Costa	City of Pittsburg	CC-991064	Buchanan Road Pavement Overlay	\$493			\$493
Contra Costa	City of Lafayette	CC-991089	Reliez Valley Rd Walkway - Reg. Trail Gap closure		\$420		\$420
Contra Costa	EBRPD	CC-991109	Iron Horse Trail Diamond Blvd Undercrossing			\$289	\$289
Contra Costa	CCCTA	CC-010005	Contra Costa Route 114 Monument Corridor		\$220		\$220
Contra Costa	City of Richmond	CC-010010	Valley View Road Improvements	\$511			\$511
Contra Costa	City of Oakley	CC-010012	O'Hara Avenue Overlay	\$217			\$217
Contra Costa	City of Moraga	CC-010013	St. Mary's Road Repair and Resurfacing	\$320			\$320

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5. OA LIMITATION CARRYOVER *							
County	Implementing Agency	TIP ID	Project Title	STP	CMAQ	TEA	Total
Contra Costa	City of Richmond	CC-010019	Richmond Greenway and Bikeway	\$1,480	\$420		\$1,900
Contra Costa	MTC	CC-010020	El Cerrito Housing Incentive Program Reserve	\$352			\$352
Contra Costa	MTC	CC-010021	Richmond Housing Incentive Program Reserve	\$963			\$963
Contra Costa	City of Richmond	CC-010043	North Richmond Main Street Project		\$1,725		\$1,725
Contra Costa	City of El Cerrito	CC-010050	Fairmont St. Pedestrian & Streetscape Improvements		\$500		\$500
Marin	Marin County	MRN990035	Marin Parklands Visitor Access Improvements		\$38		\$38
Marin	City of Novato	MRN991013	Redwood Blvd between Lamont Ave & Olive Ave	\$426			\$426
Marin	Marin County	MRN991014	North San Pedro Road, MP 0.54 to 1.76 (C	\$486			\$486
Marin	City of San Rafael	MRN991015	Fourth Street Resurfacing (Miracle Mile)	\$200			\$200
Marin	City of Larkspur	MRN991016	Doherty Drive Rehabilitation - Phase 1	\$261			\$261
Marin	Marin County	MRN991020	Sir Francis Drake Blvd., MP 3.08 to 3.63	\$486			\$486
Marin	Marin County	MRN991021	Sir Francis Drake Blvd. East Overlay	\$297			\$297
Marin	City of Mill Valley	MRN991022	Buena Vista Ave Resurfacing	\$159			\$159
Marin	City of San Anselmo	MRN991023	Center Boulevard Rehabilitation	\$184			\$184
Marin	City of Ross	MRN991025	Sir Francis Drake Blvd. Street Rehab	\$68			\$68
Marin	City of Sausalito	MRN991027	Bridgeway North-South Bikeway Phase I		\$170		\$170
Marin	City of Corte Madera	MRN991046	Paradise Drive/San Clemente Dr Rehabilit	\$191			\$191
Marin	City of Fairfax	MRN991048	Center Boulevard Rehabilitation	\$72			\$72
Marin	Marin County	MRN991049	Inkwells Bridge Adjoining Sir Francis Dr			\$375	\$375
Marin	City of San Rafael	MRN010002	Second Street Resurfacing	\$238			\$238
Marin	City of Corte Madera	MRN010003	Fifer Avenue/Lucky Drive Rehabilitation	\$89			\$89
Marin	City of Sausalito	MRN010005	Bridgeway Rehabilitation Project	\$83			\$83
Marin	Marin County	MRN010010	Olema - Bolinas Path			\$247	\$247
Marin	City of Fairfax	MRN010011	Sir Francis Drake Path.			\$146	\$146
Marin	City of San Rafael	MRN010038	Medway/Canal Enhancements		\$900		\$900
Region	MTC	MTC990002	TransLink® Fare Collection Systems		\$10,332		\$10,332
Region	MTC	MTC990006	TravInfo®		\$5,410		\$5,410
Region	MTC	MTC990017	Pavement Management Technical Assistance	\$500			\$500
Region	MTC	MTC991007	TLC Projects - Lump Sum Regional Share	\$276			\$276
Napa	Caltrans	NAP950004	Route 29 / Trancas Street Interchange		\$262		\$262
Napa	City of Napa	NAP991010	First Street Overlay	\$301			\$301
Napa	City of Napa	NAP991011	Foothill Boulevard Overlay	\$178			\$178
Napa	City of Napa	NAP991012	Linda Vista Avenue Overlay	\$332			\$332

# Project List

## First Cycle STP, CMAQ, and TEA Program

### FY 2003-04 and FY 2004-05

June 25, 2003  
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MTC Res. No. 3547  
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Figures are in thousands of dollars

5. OA LIMITATION CARRYOVER *							
County	Implementing Agency	TIP ID	Project Title	STP	CMAQ	TEA	Total
Napa	City of Napa	NAP991013	Old Sonoma Overlay	\$124			\$124
Napa	City of Napa	NAP991014	Terrace Drive Overlay	\$314			\$314
Napa	City of Napa	NAP991015	West Pueblo Avenue Overlay	\$200			\$200
Napa	Napa County	NAP991016	Maintenance Overlay - Howell Mountain Ro	\$481			\$481
Napa	Napa County	NAP991022	Cuttings Wharf Road Bicycle Lane		\$200		\$200
Napa	City of American Canyon	NAP991024	American Canyon Rd/SR29 Landscaping			\$67	\$67
Napa	City of Calistoga	NAP991026	Class I Bike Path (old RR ROW)			\$122	\$122
Napa	Napa County	NAP991028	Yountville Crossroad Class 2 Bike Path			\$135	\$135
Napa	Napa County	NAP010005	Silverado Trail Resurfacing	\$155			\$155
Napa	City of Napa	NAP010006	Dry Creek Rd, Linda Vista, & Solano Resurfacing	\$182			\$182
Santa Clara	City of Palo Alto	SCL991016	Palo Alto Medical Found./Bike/Ped Xing	\$502	\$1,752		\$2,254
Santa Clara	City of Sunnyvale	SCL991021	Pedestrian Access Improvements Nr Tasman		\$28		\$28
Santa Clara	Caltrans	SCL991023	Traffic Ops System (TOS) Improvements		\$3		\$3
Santa Clara	City of Milpitas	SCL991056	Berryessa Creek Bike/Ped Trail			\$375	\$375
Santa Clara	City of Sunnyvale	SCL991059	Calabazas Creek Trail - TEA project			\$310	\$310
Santa Clara	San Jose	SCL991067	Guadalupe River Park Trail Project			\$429	\$429
Santa Clara	San Jose	SCL991068	Los Gatos Creek			\$400	\$400
Santa Clara	City of Santa Clara	SCL010024	San Tomas Aquino/Saratoga Creek Trail			\$1,700	\$1,700
Santa Clara	City of Sunnyvale	SCL010025	Evelyn Ave Class II bike Lane.	\$150			\$150
Santa Clara	Santa Clara County	SCL010026	Bascom Ave. Median & Landscaping			\$639	\$639
Santa Clara	Santa Clara County	SCL010027	Elliot Avenue Sidewalk Project			\$205	\$205
Santa Clara	City of Sunnyvale	SCL010028	Sunnyvale North-South Bikeways.	\$150			\$150
Santa Clara	City of Morgan Hill	SCL010030	Bufferfield Blvd Linear Park			\$460	\$460
Santa Clara	City of Gilroy	SCL010034	Monterey Streetscape Imps. - 6th to 7th Sterets		\$1,190		\$1,190
Santa Clara	VTA	SCL010043	River Oaks Bike/Pedestrian Bridge		\$1,000		\$1,000
Santa Clara	VTA	SCL010044	San Fernanco Light-Rail Station Plaza		\$885		\$885
Santa Clara	City of Palo Alto	SCL010045	Caltrain/Homer St. Bike/Ped Undercrossing		\$464		\$464
San Francisco	SF Parking and Traffic	SF-991009	Fill Gap in Muni F Line Tracks		\$27		\$27
San Francisco	SF Parking and Traffic	SF-991010	Stockton Street sidewalk widening		\$397		\$397
San Francisco	SF Public Works	SF-991016	Lake Merced Pav. Renovation - Phase II	\$3,982			\$3,982
San Francisco	SF DPW	SF-991022	Neighborhood Traffic Calming & Beauty			\$469	\$469
San Francisco	Port of San Francisco	SF-991024	Embarcadero Promenade Pedestrian Imps123	\$226			\$226
San Francisco	Port of San Francisco	SF-991025	Renovation of Pier 43 Ferry Arch.	\$255			\$255

# Project List

## First Cycle STP, CMAQ, and TEA Program

### FY 2003-04 and FY 2004-05

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5. OA LIMITATION CARRYOVER *							
County	Implementing Agency	TIP ID	Project Title	STP	CMAQ	TEA	Total
San Francisco	MTC	SF-010016	San Francisco HIP Reserve	\$1,145			\$1,145
San Francisco	SF MUNI	SF-010036	Treasure Island Permanent Ferry Terminal		\$445		\$445
San Francisco	BART	SF-010047	16th St. BART Station Plaza Redesign		\$1,298		\$1,298
San Mateo	San Mateo County	SM-991048	Sand Hill Road Resurfacing	\$142			\$142
San Mateo	City of San Carlos	SM-991058	San Carlos Avenue Rehabilitation	\$225			\$225
San Mateo	City of San Mateo	SM-991097	San Mateo Main St. Ped & Tr Center Links			\$814	\$814
San Mateo	City of Belmont	SM-991110	US 101 Ped/Bike Path			\$300	\$300
San Mateo	City of Half Moon Bay	SM-010040	Bike/Sidewalk - SR92/Main Street			\$814	\$814
San Mateo	MTC	SM-010041	Daly City Housing Incentive Program Reserve	\$342			\$342
San Mateo	MTC	SM-010042	East Palo Alto Housing Incentive Program Reserve	\$293			\$293
San Mateo	MTC	SM-010043	San Bruno Housing Incentive Program Reserve	\$684			\$684
San Mateo	MTC	SM-010044	San Carlos Housing Incentive Program Reserve	\$113			\$113
San Mateo	MTC	SM-010045	San Mateo Housing Incentive Program Reserve	\$751			\$751
San Mateo	City of East Palo Alto	SM-010060	Bay Road Streetscape & Calming Improvements	\$464	\$236		\$700
Solano	City of Vacaville	SOL990049	Southside Bikeway - Alamo Dr to VRTC		\$10		\$10
Solano	City of Benicia	SOL991035	East Fifth Street Overlay	\$103			\$103
Solano	City of Rio Vista	SOL991040	Front Street Overlay Project	\$83			\$83
Solano	City of Vallejo	SOL991047	Broadway Overlay: Highway 37 to Mini Drive	\$339			\$339
Solano	City of Vallejo	SOL991048	Rollingwood Dr. Overlay	\$198			\$198
Solano	City of Vallejo	SOL991049	Solano Av. Overlay: Georgia to Mariposa	\$368			\$368
Solano	City of Vallejo	SOL991050	Santa Clara St. overlay: Carolina St. to Maine St.	\$118			\$118
Solano	Solano County	SOL991051	Pleasants Valley Road Rehabilitation	\$1,042			\$1,042
Solano	City of Vallejo	SOL991054	Mare Island Service - Operations (2 yr)		\$70		\$70
Solano	City of Vallejo	SOL991054	Mare Island Service - Operations (2 yr)		\$70		\$70
Solano	City of Benicia	SOL991056	Mills Elementary School Route Imps.		\$45		\$45
Solano	City of Vallejo	SOL991059	I-80 EB Redwood St. on & off ramp mod.		\$70		\$70
Solano	City of Benicia	SOL991067	Park Lane Bike Lane		\$129		\$129
Solano	City of Fairfield	SOL991076	Bike/Ped Path on W. Texas Street	\$95			\$95
Solano	City of Benicia	SOL991084	East Second Street Overlay	\$90			\$90
Solano	City of Fairfield	SOL991087	Pittman Road Rehabilitation	\$95			\$95
Solano	City of Rio Vista	SOL991088	Drouin Drive Overlay	\$37			\$37
Solano	City of Vallejo	SOL991090	Oakwood St. overlay: Teakwood to Springs Road	\$95			\$95
Solano	City of Dixon	SOL010008	Downtown Dixon Streetscape.	\$237			\$237

# Project List

## First Cycle STP, CMAQ, and TEA Program FY 2003-04 and FY 2004-05

June 25, 2003  
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Figures are in thousands of dollars

5. OA LIMITATION CARRYOVER *							
County	Implementing Agency	TIP ID	Project Title	STP	CMAQ	TEA	Total
Solano	City of Vacaville	SOL010010	Nut Tree Rd. Resurfacing.	\$462			\$462
Solano	City of Fairfield	SOL010013	Central Way Rehabilitation.	\$45			\$45
Solano	City of Benicia	SOL010015	East H Street Overlay	\$105			\$105
Solano	City of Vallejo	SOL010016	Tennessee Street Overlay: Monterey to Halliday	\$243			\$243
Solano	MTC	SOL010019	Vallejo Housing Incentive Program Reserve	\$383			\$383
Solano	City of Suisun City	SOL010039	Driftwood Drive Pedestrian Way		\$350		\$350
Solano	City of Vacaville	SOL010040	Davis St. Ped & Gateway Improvements		\$482		\$482
Sonoma	City of Healdsburg	SON991020	Healdsburg Avenue Overlay	\$225			\$225
Sonoma	Sonoma County	SON991023	Stony Point Road - Stage 5A	\$1,650			\$1,650
Sonoma	City of Rohnert Park	SON991026	Various Overlays - 2000	\$314			\$314
Sonoma	Sonoma County	SON991035	West County Bike Trail: Phase 7.		\$450		\$450
Sonoma	City of Sebastopol	SON010015	Street Smart Sebastopol			\$415	\$415
Sonoma	MTC	SON010016	Petaluma Housing Incentive Program Reserve	\$258			\$258
Sonoma	Sonoma County	SON010020	Old Redwood Highway Class II Bike Lanes	\$223			\$223
Sonoma	Sonoma County	SON010026	West County Bike Trail: Phase 10			\$240	\$240
			Advanced TEA 21 Reauthorization OA		\$3,000	\$2,400	\$5,400
			ISTEA Carryover	\$44,024	\$3,976		\$48,000
<b>TOTAL</b>				<b>\$86,423</b>	<b>\$40,596</b>	<b>\$15,276</b>	<b>\$142,295</b>

\* OA Limitation Carryover amounts are estimates and subject to change upon receipt of final TEA 21 Apportionments.

\* Projects in this category are currently programmed in the 2003 TIP and do not require reprogramming. This category has been listed to ensure that future Obligation Authority (OA) is reserved for projects carried over from TEA 21 into Reauthorization. This list does not necessarily include all projects that fall into this category.



**METROPOLITAN  
TRANSPORTATION  
COMMISSION**

Joseph P. Bert MetroCenter  
101 Eighth Street  
Oakland, CA 94607-4700  
Tel: 510.464.7700  
TDD/TTY: 510.464.7769  
Fax: 510.464.7848

## ***Memorandum***

TO: Programming and Allocations Committee

DATE: August 24, 2004

FR: Executive Director

RE: Amendments to First Cycle STP/CMAQ Program, FY '03-'04, FY '04-'05 for Transit bus catalyst Devices

### **Background/Information**

The federal Transportation Equity Act for the Twenty-First Century (TEA 21) is set to expire on September 30, 2003. In preparation, the region is undertaking an 'advanced' programming activity by programming future funds in advance of the actual reauthorization. A general concept for TEA 21 Reauthorization programming was presented to the Partnership Board and approved at the October 28, 2002 meeting. Subsequently, MTC staff consulted with the transit operators, Congestion Management Agencies (CMAs) and other local agencies, to define and resolve some of the outstanding issues surrounding future Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ), and Transportation Enhancement Activities (TEA) programming. On February 10, 2003, MTC staff presented a refined set of STP, CMAQ, and TEA programming concepts to the Partnership Board, incorporating the feedback from local jurisdictions. The Partnership Board reiterated their agreement with Staff's recommendations on the structure and timing of the upcoming STP, CMAQ, and TEA programming activities.

Staff presented a final draft of the Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ), and (Transportation Enhancement Activities) TEA First Cycle Program Policies and Procedures (Resolution No. 3536) to the Partnership Technical Advisory Committees in February 2003. On March 26, 2003, the Commission adopted MTC Resolution No. 3536, which set forth the policies and procedures for the TEA 21 Reauthorization First-Cycle STP, CMAQ, and TEA Program.

One of the core elements of the previously proposed STP, CMAQ, and TEA First-Cycle program was funding for bus catalyst devices for transit operators to reduce particulates and nitrogen oxides (NO<sub>x</sub>). MTC originally dedicated roughly \$14 million in CMAQ funds to partially fund approximately 1,600 Bus Catalyst Devices for transit operators in the San Francisco Bay Area Air Basin. A call for projects was announced on March 19, 2003 for the bus catalyst devices. The application submissions were reviewed and the selected recipient's projects were incorporated into the Draft First-Cycle Program Project List.

Due to transit service cuts at two of the larger transit operators participating in this program, a reduction in the total number of Bus Catalyst Devices needed in the region has been called for. At this time, we recommend revising the project list in Attachment B to MTC Resolution No. 3547 to reflect the current status of the Bus Catalyst Device installation program.

**Staff Recommendation**

We recommend the Committee refer MTC Resolution No. 3547, Revised to the Commission for approval.

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Steve Heminger

# Metropolitan Transportation Commission Programming and Allocations Committee

August 24, 2004

Item Number ??

## Resolution No. 3547, Revised

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- Subject:** Amendments to First Cycle STP/CMAQ Program, FY '03-'04, FY '04-'05 for Transit Bus Catalyst Devices
- Background:** The First Cycle STP/CMAQ Program, FY '03-'04, FY '04-'05 Air Quality Management project category originally funded a total of 1,604 Bus Catalyst Devices to the transit operators around the region. The California Air Resources Board's (CARB) urban bus regulations require that transit operators on the diesel path (which includes most of the transit operators in the Bay Area) generate Particulate Matter emission reductions by specific dates. These devices will help the transit operators in the region comply with this requirement while also producing Oxides of Nitrogen (NO<sub>x</sub>) reduction benefits beyond what is required by CARB regulations.
- Issues:** Due to transit service cuts, the total number of catalyst devices needed in the region has declined from 1,604 to 1,420. Current program guidelines allow for bus catalyst device purchases to be funded for up to three years and some sponsors are in a position to fund additional devices. In response to these installation need changes, staff recommends that edits be made to as to the total number of catalyst devices to be purchased by each operator.
- Recommendation:** Refer MTC Resolution 3547, Revised to the Commission for approval.
- Attachments** Executive Director's Memorandum  
MTC Resolution No. 3547, Revised





**METROPOLITAN  
TRANSPORTATION  
COMMISSION**

Joseph P. Bert MetroCenter  
101 Eighth Street  
Oakland, CA 94607-1700  
Tel: 510.461.7700  
TDD/TTY: 510.461.7769  
Fax: 510.461.7848

## ***Memorandum***

TO: Programming and Allocations

DATE: November 10, 2004

FR: Executive Director

W.I.: 1512

RE: Revisions to First Cycle STP/CMAQ/TEA Program, MTC Resolution No. 3547

### **Background**

In June 2003, the Commission adopted the First Cycle FY 2003-04 and FY 2004-05 Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program and the Transportation Enhancement Activities (TEA) Program (MTC Resolution No. 3547). To meet the California Air Resources Board (CARB) fleet rule, most operators received funding in Transit Capital Priorities to retrofit buses with particulate matter (PM) traps. Working in concert with transit operators' PM retrofit funding, MTC programmed \$14 million to fund the purchase of a dual purpose device that reduces both NO<sub>x</sub> and PM in lieu of purchasing the PM-only reducing traps. MTC's policy is to fund the incremental costs associated with purchasing the dual-purpose device, which equates to \$8,100 per device in CMAQ funds.

### **Returned CMAQ funds**

Since the adoption of the program, Golden Gate Bridge, Highway and Transportation District (GGBHTD) and AC Transit are proposing to install fewer devices than originally estimated, resulting in \$2.925 million in CMAQ funds being returned to the Bus Catalyst Device Program (see attached Table 1). MTC Staff proposes to reprogram the freed up funds to other operators for bus catalyst devices.

### **Reprogramming to other Bus Catalyst Device projects**

It is MTC's goal to retrofit as many buses as possible with bus catalyst devices. Working through MTC's Finance Working Group, the funding is being reprogrammed to the following three categories of bus catalyst projects. The remainder after these needs are met will be returned to MTC's Air Quality Improvement Program:

- 1) The incremental increase to retrofit Series 60 Detroit Diesels. The original cost estimates determined by MTC did not anticipate a cost differential associated with retrofitting standard buses versus Motor Coach Industries' (MCI's) over-the-road coaches. These over-the-road coaches cost an estimated \$3,000 more per vehicle than standard buses to retrofit.
- 2) Operators that have decided to purchase additional bus catalyst devices since the original issuance of the call for projects in March 2003.
- 3) Operators that programmed the purchase of the bus catalyst devices with non-CMAQ funding prior to the MTC Bus Catalyst Device CMAQ funding program. Due to the limited funding in the program, these purchases were not prioritized and did not receive funding in the original CMAQ program. Additionally, these operators programmed funds based on a lower than actual cost estimates for the device, which resulted in a funding gap for these operators.

The proposed reprogramming will not result in an operator receiving more than \$8,100 per bus catalyst device in CMAQ funds, with the exception of the Series 60 Detroit Diesel engine purchases. Table 2 (attached) lists the proposed projects. In total, \$2.202 million is being proposed for reprogramming. The balance of \$0.723 million will be returned to MTC's overall Air Quality Improvement Program for other future programs aimed at reducing emissions.

**Table 3: Summary of Proposed Action**

Amount of Returned Funds	\$ 2,925,000
Amount of Proposed Reprogramming	(\$ 2,202,000)
Balance available for other air quality programs to be determined by MTC	\$ 723,000

The returned CMAQ funds will be programmed in fiscal year (FY) 2004-05 and will need to be obligated or transferred to the Federal Transit Administration (FTA) by June 30, 2005 in accordance with MTC's Project Delivery Policies (Resolution No. 3606). The projects will be amended into the TIP once the Commission has taken this programming action.

**Total Devices Being Retrofitted**

Originally MTC's CMAQ program funded the purchase of 1685 devices, with this proposed reprogramming, MTC will now fund 1693 devices through the CMAQ program.

**Recommendation**

Staff recommends that the Programming and Allocations Committee forward Resolution No. 3547, Revised to the Commission for approval.

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Steve Heminger

Attachment – Tables 1 and 2

# Metropolitan Transportation Commission Programming and Allocations Committee

November 10, 2004

Item Number 3a

## Resolution No. 3547, Revised

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- Subject:** Revisions to First Cycle TEA-21 Reauthorization Programming for Bus Catalyst Devices.
- Background:** In June 2003, the Commission adopted the First Cycle FY 2003-04 and FY 2004-05 Surface Transportation Program (STP), Congestion Mitigation and Air Quality Improvement (CMAQ) Program and the Transportation Enhancement Activities (TEA) Program (MTC Resolution No. 3547). Working in concert with the region's transit operators' Particulate Matter (PM) retrofit funding plans, MTC programmed \$14 million to fund the Bus Catalyst Device Program for the purchase of a dual purpose device that reduces both NO<sub>x</sub> and PM in lieu of purchasing the PM-only reducing traps.
- Since the adoption of the program, Golden Gate Bridge, Highway and Transportation District (GGBHTD) and AC Transit are proposing to install fewer devices than originally estimated, resulting in \$2.925 million in CMAQ funds being returned to the Bus Catalyst Device Program. MTC staff proposes to reprogram the freed up funds to other operators for bus catalyst devices. In total, \$2.202 million is proposed for reprogramming, leaving a balance of \$0.723 million being returned to MTC's overall Air Quality Improvement Program.
- Issues:** None.
- Recommendation:** Refer Resolution No. 3547, Revised to the Commission for approval.
- Attachments:** Executive Director's Memorandum  
MTC Resolution No. 3547, Revised